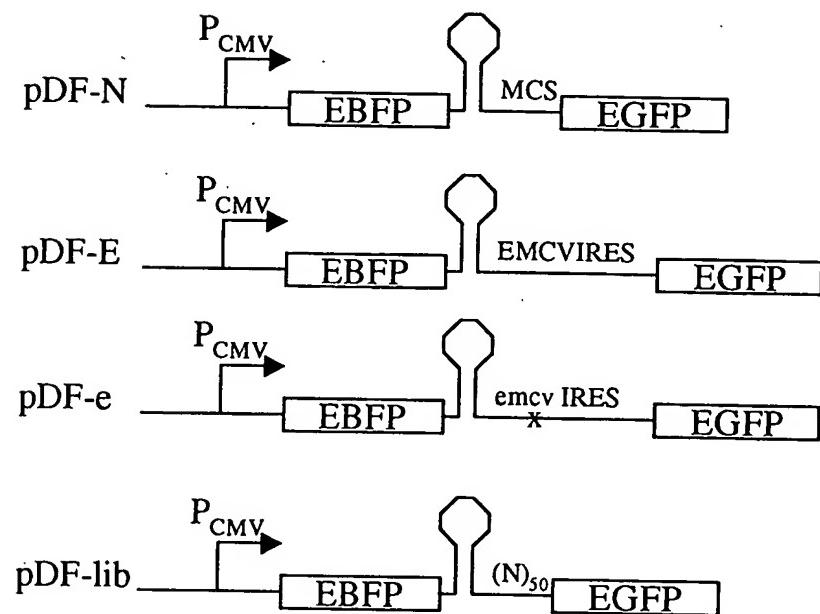


A

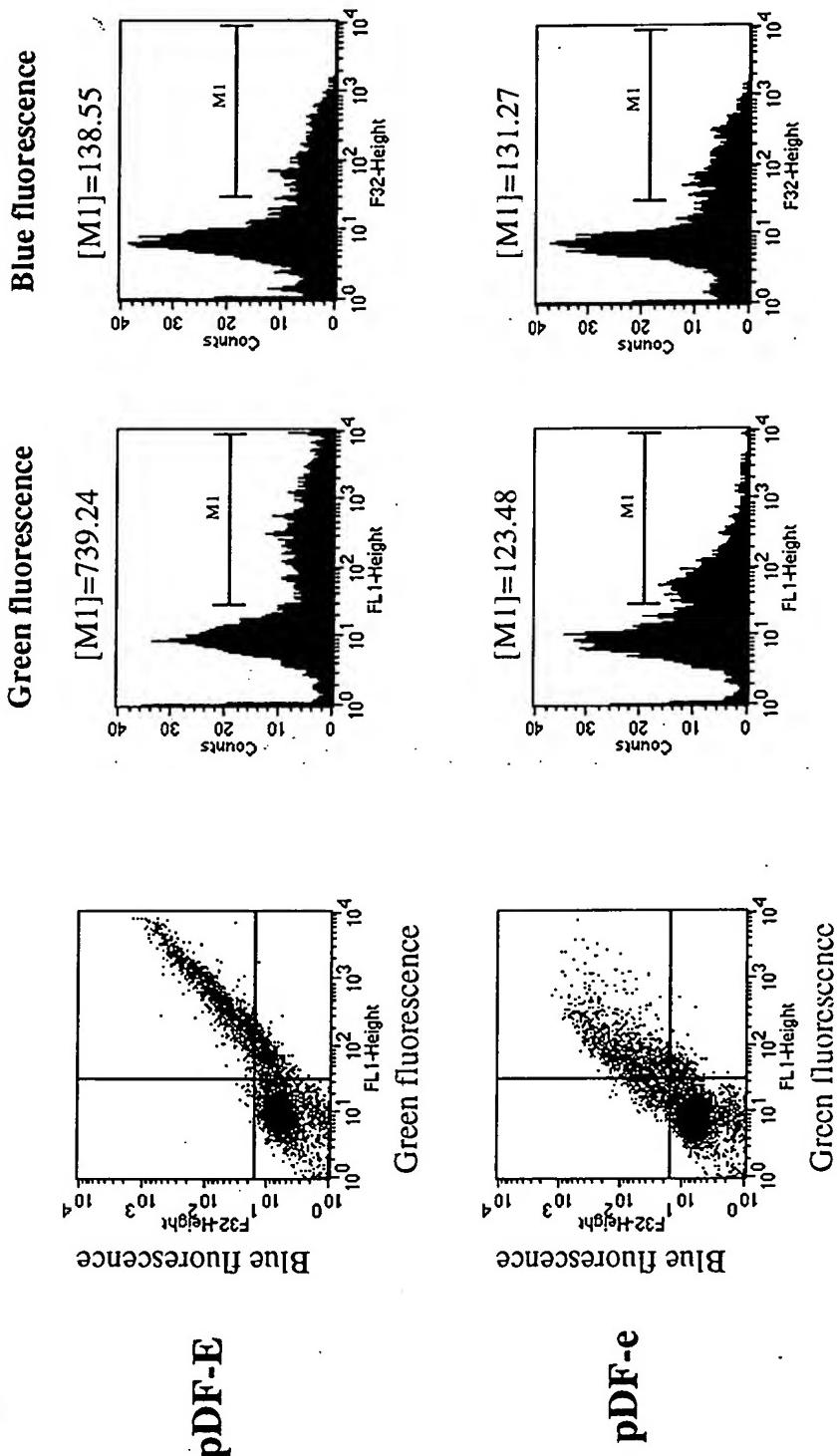


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FIGURE 1a

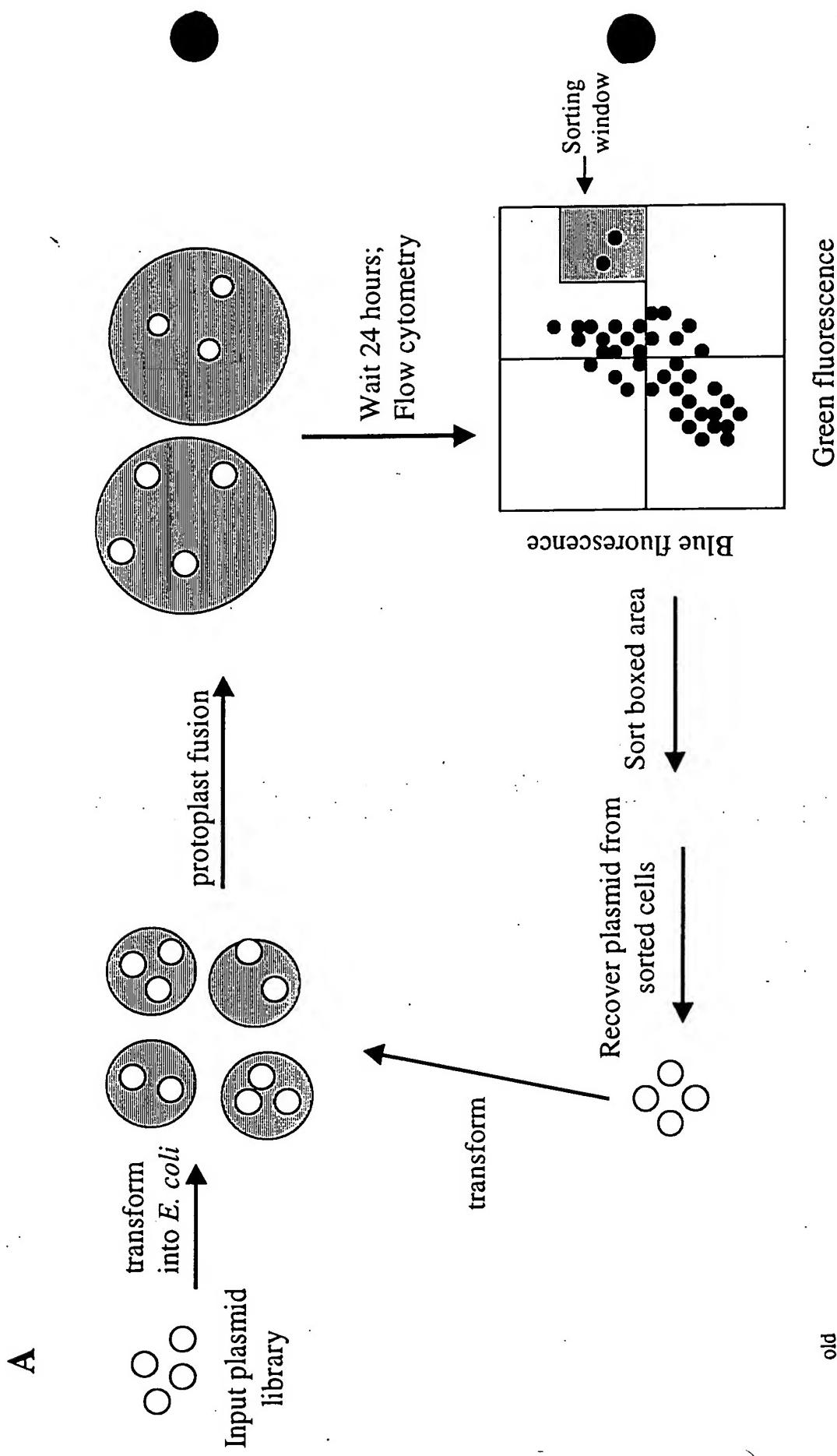
FIGURE 1b

B



Title: METHOD TO IDENTIFY IRES ELEMENTS
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FIGURE 2a



B

Input Pool
pDF-e:pDF-E
AAAG:GCGA
10000:1

Negative Selection
(for pDF-e)
after 3 rounds

Positive Selection
(for pDF-E)
after 3 rounds

G A T C G A T C G A T C
t g g a c t g g a c t g g a c
g g a c G — — — G — — —
a c A / \ / A A / \ / A A / \ / A
c A / \ / A A / \ / A A / \ / A
c G — — — G — — — G — — —
a G — — — G — — — G — — —
c G — — — G — — — G — — —
c G — — — G — — — G — — —
a G — — — G — — — G — — —

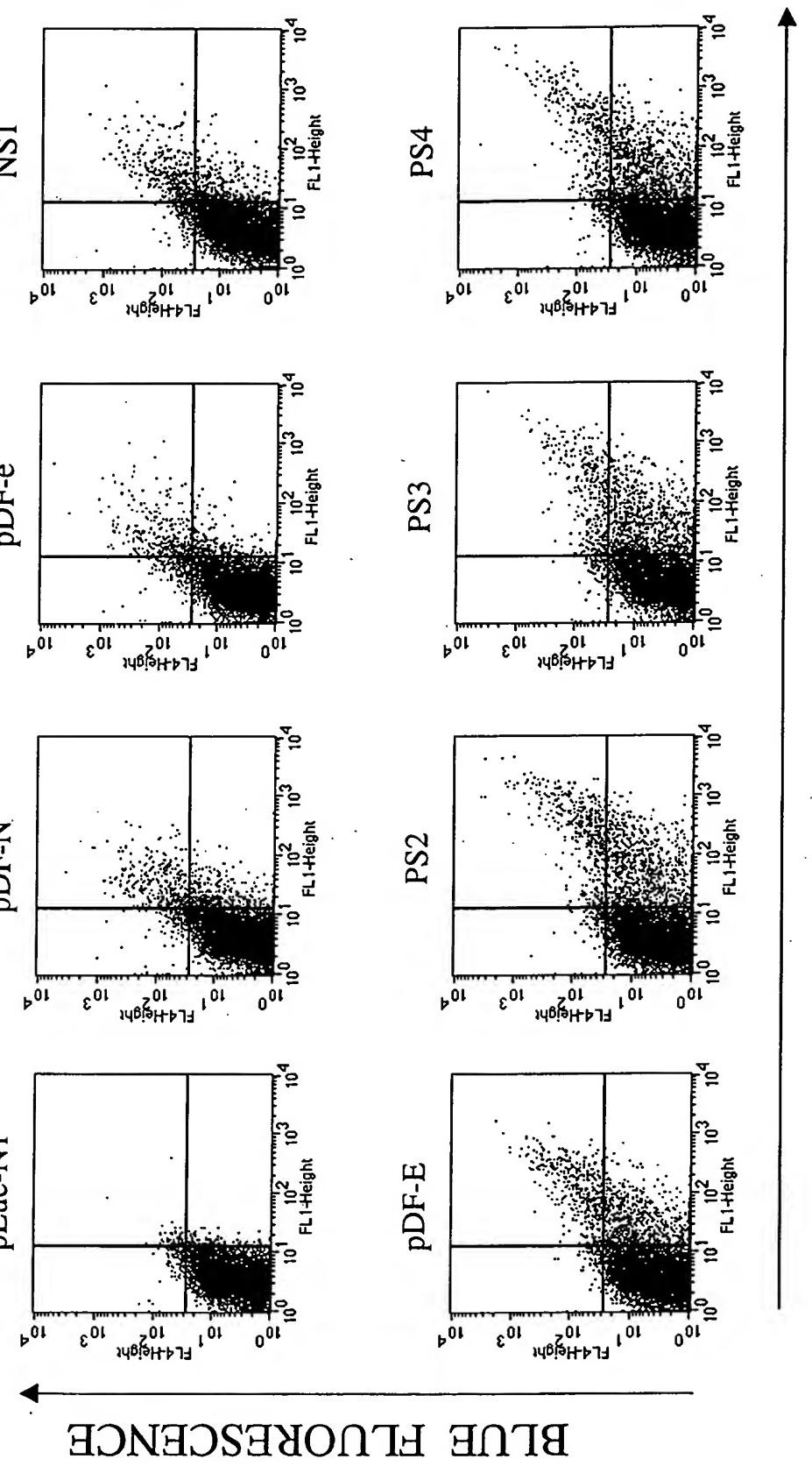
FIGURE 2b

FIGURE 2C

Name	Sequence
PS1	5' CACAGTACGTAAAGCTTAAGCgtAGATAAAGGGTATATTTTttGg 3'
PS2	5' gAAATAgCTATCCTCCATCACTgCACCGAGACTACgggtGgCgtGTCgt 3'
PS3	5' TgACAAACTgTACATgCCGTTAACTgtAAATTtgcgtgATTTTTttGAG 3'
PS4	5' AgggtGtAsCCgCAAAACATAgTTCAATACAAACCTTgCTgtCTCggCgg 3'
PS5	5' ATggCAgTTATAATCgATTTCCCACATAGAAACCABBACTgTATCAAAGtgtT 3'

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Inventors: Asim DASGUPTA et al.
Applicant No.: Not yet assigned
Docket No.: 220002063690

FIGURE 3



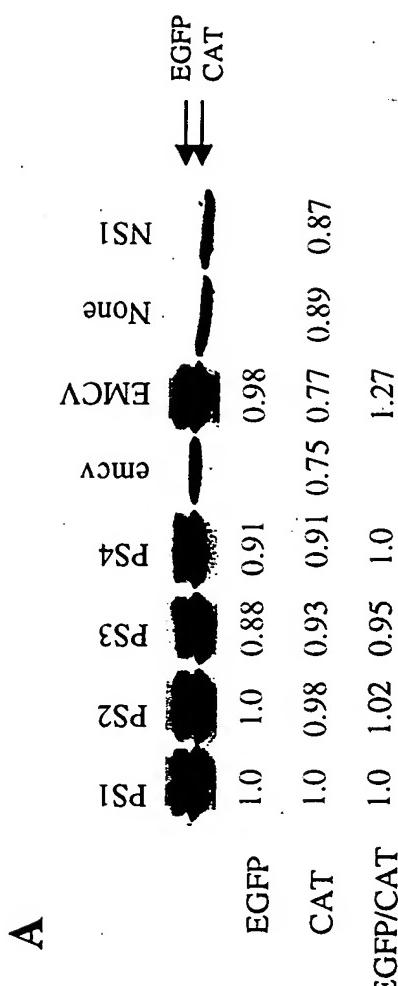
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Inventors: Asim DASGUPTA et al.
Application No.: Not yet assigned

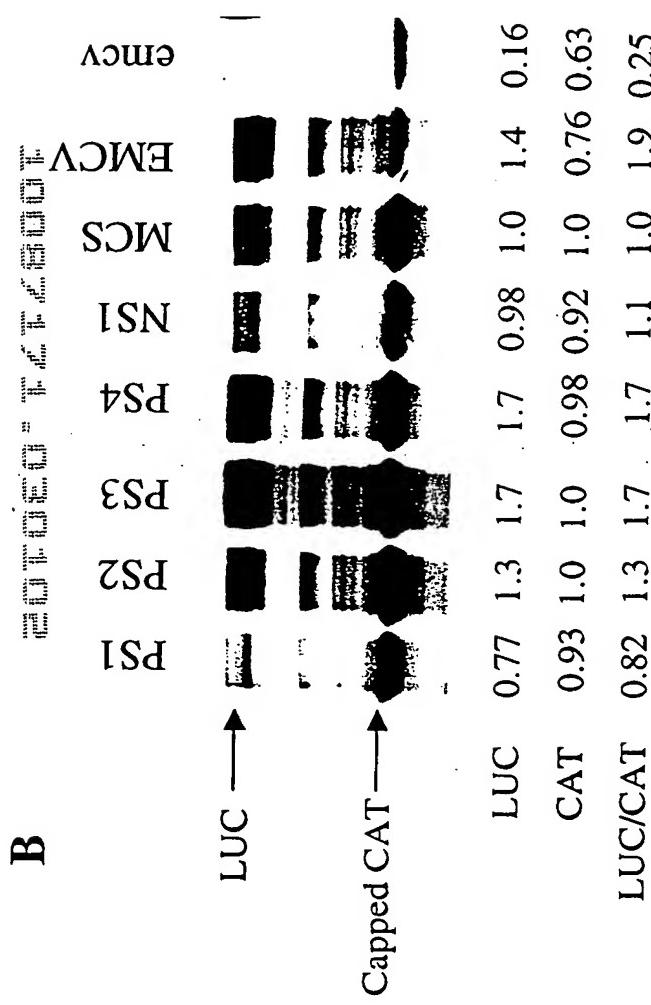
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FIGURE 4a



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B



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FIGURE 4b

FIGURE 4c

C

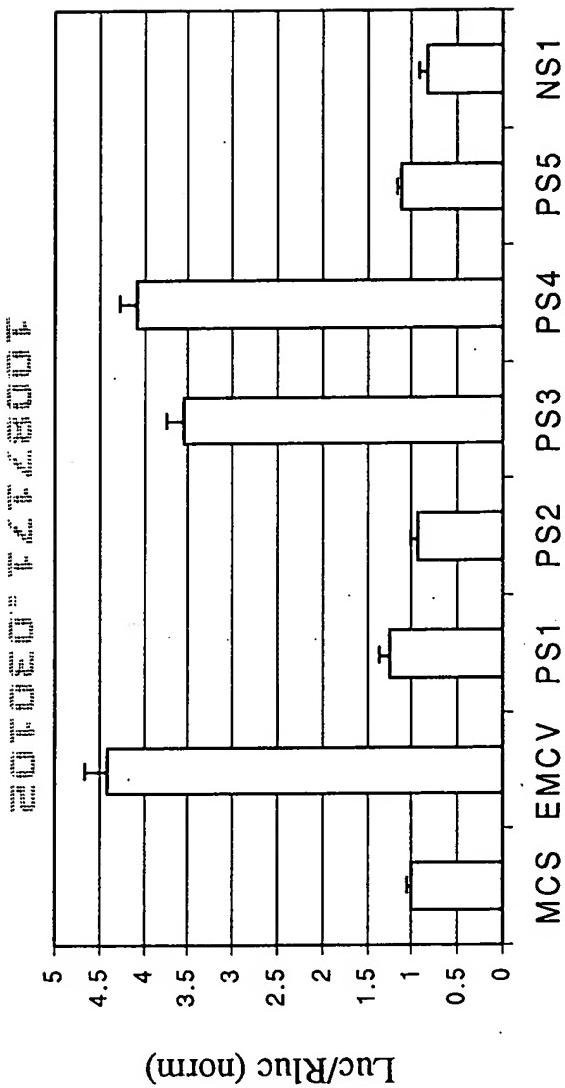
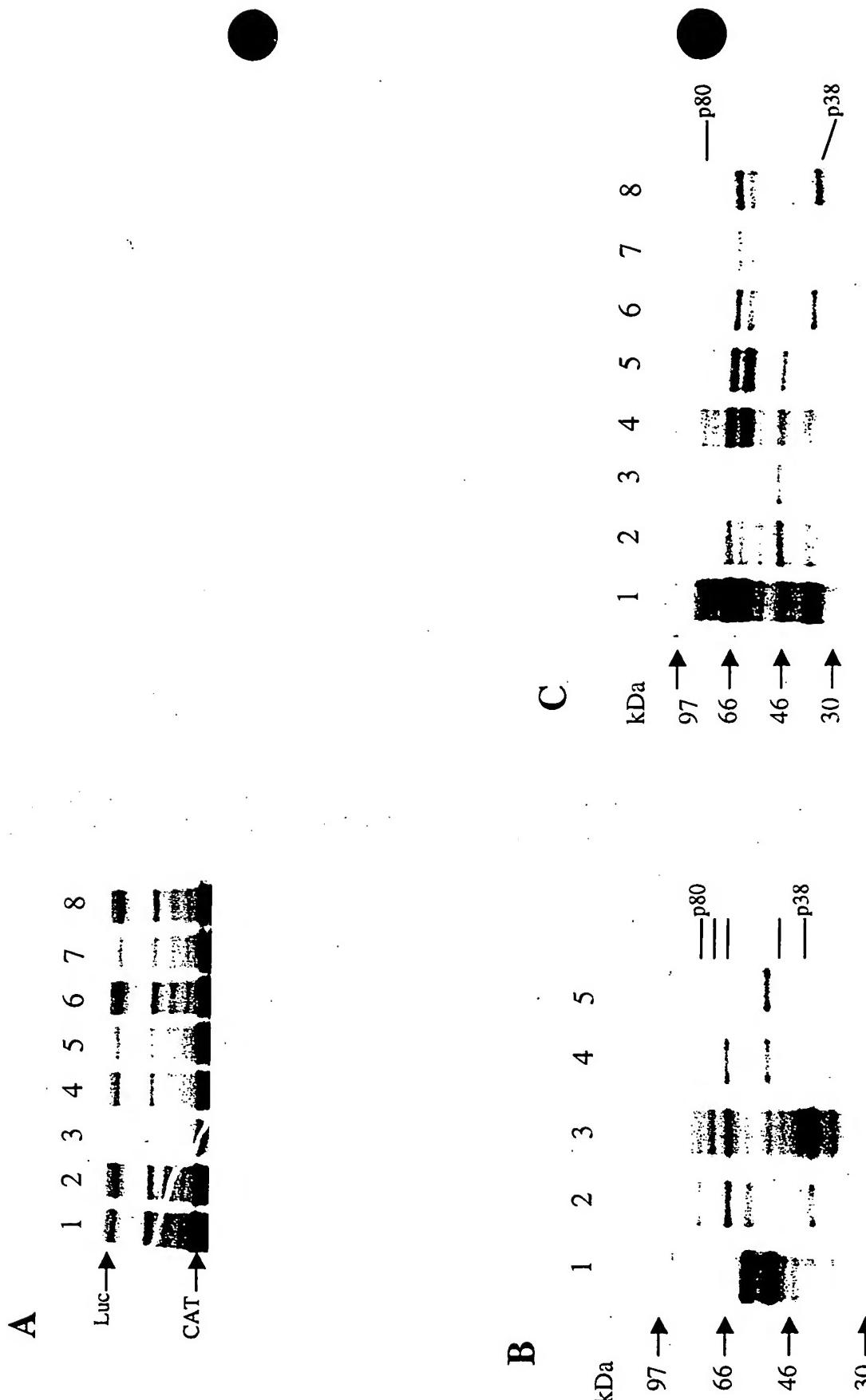


FIGURE 5



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FIGURE 6

10 20 30 40

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PS3
 5. ug cu / a caaa cu gugc gugc uau c
 10 20 30 40

PS4
 5. agguggu a ao o caa oo ugu acg ugu cgca au
 10 20 30 40